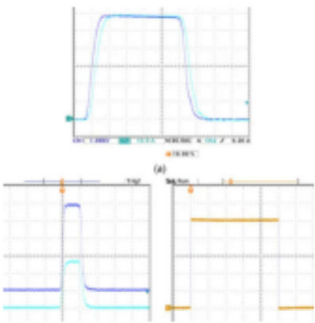


HV Driver Specifications
高压驱动器产品规格书
HD0012-024055-0001CS



1. SPECIFICATIONS (规格)

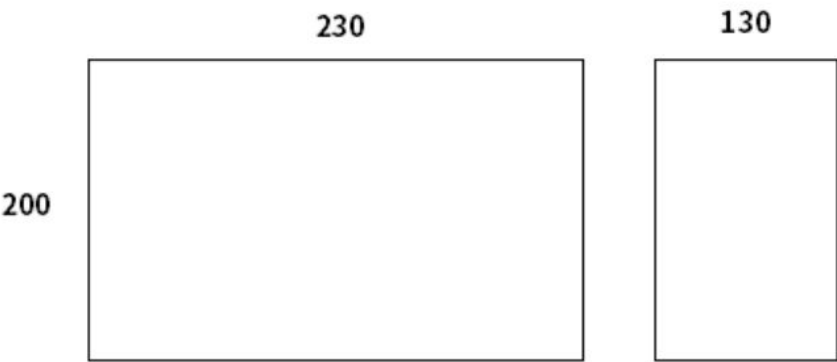
Output amplitude (输出幅值)	5500V
High voltage overshoot (高压过冲)	<10%
Output pulse width (输出脉冲宽度)	20ns-DC
Repetition rate accuracy (重复频率精度)	5ns
Max. repetition rate (最大重复频率)	1kHz
Trigger delay (触发延迟)	50ns
Pulse jitter (脉冲抖动)	<3ns
Rise/Fall time (上升/下降时间)	≤10ns
Output pulse waveform (输出脉冲波形)	Square (方波)
Load capacitance (负载电容)	≤20pF
Power (供电)	+24V DC
Connector (接口)	PiN
Control material (控制材料)	Push switch (带屏幕)
Cooling (散热方式)	Conduction-cooled (传导冷却)
Operation temperature (工作温度)	0°C~60°C
Storage humidity (存放湿度)	<80%RH

2.ORDERING CODES (编码规则)

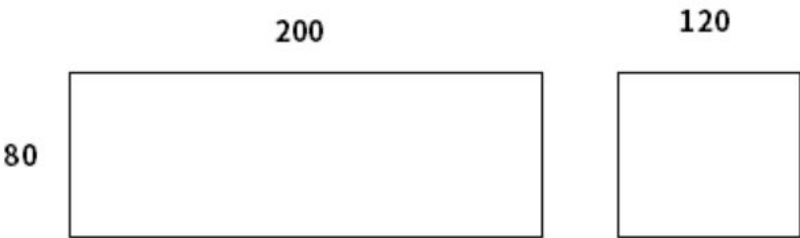
	Power		Amplitude		Repetition rate				
HD0001	—	XXX	—	XXX	—	X	X		
	110V	110	4000V	040	100kHz	100	风冷	F	S
	220V	220	6000V	060	500kHz	500	水冷	W	C

3. DIMENSIONS (外形尺寸-mm)

电源模块



调制模块



4. SUGGESTED MODULATOR ELECTRONICS (建议调制器型号)

5. REVISION (版本)

Number (版本号)	Revisions date (修订日期)	Revision (修改项目)	Revision description (修订内容说明)
A	2022.7.26	New	/

Quality Assured: In house made, high damage threshold, Vacuum bonding, 100% Diffraction efficiency test & burn-in test.